Reviewer’s report

Title: Clinical Characteristics and Outcomes of the Oldest Old people with Type 2 Diabetes - Perspective from a tertiary diabetes center in Thailand

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Reviewer: Indulekha Karunakaran

Reviewer's report:

The authors have conducted a study on the elderly onset and long standing diabetes population visiting a tertiary care centre and have analyzed the clinical correlates of these cohorts. It is an interesting and well conceived study. However, there are some issues with the manuscript that should be addressed

Comments

1. The title of the article is "Clinical Characteristics and Outcomes of the Oldest Old people with Type 2 Diabetes - Thailand's perspective"; whereas the study is done in one tertiary care diabetes centre. Hence the word "Thailand's perspective" is misleading and should be corrected to reflect that it is a hospital based study

2. It is mentioned that all the data were retrieved from the medical records of these patients. It could be more informative to provide the levels of other biochemical parameters like fasting blood glucose, total cholesterol, HDL-cholesterol, HOMA-IR etc

3. Table 1: details of some of the important co-morbidities of diabetes like diabetic nephropathy and diabetic neuropathy could be provided, if the data is available

4. Figure 1: Appropriate statistical tests should be done to compare if the glycemic control of the elderly diabetics were better compared to the long standing diabetic group

5. Mixed split insulin is associated with the highest incidence of hypoglycemia in the elderly diabetes group. The reasons why this treatment could lead to hypoglycemia should be discussed in the discussion section
6. Table1 shows that a higher number of elderly diabetes subjects had Charlson Comorbidity Index in the moderate and severe range. However, elderly diabetes subjects demonstrate a better glycemic control compared to the long standing diabetes group (Figure 1). These findings should be discussed.

7. Other sub-analyses like the association of the risk factor with the occurrence of co-morbidities and/or Charlson Comorbidity Index could add more value to the study.

8. Line 11: "referring to people age 85 or older" should be changed to" referring to people aged 85 or older". The whole manuscript can be thoroughly proof-read to avoid minor grammatical errors.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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